

PANEL: M		RATING: 200A MAIN BREAKER						
MTG: SQUARE D		FEEDER SIZE: 250 MCM (AL)(MIN)						
TYPE: NQ		FEEDER CAP: 205A (NOTE 1)						
		ENCLOSURE: NEMA 1						
		S/C: 22KA (MIN)						
		MOUNT: SURFACE						
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #
			PHASE A	PHASE B	PHASE C			
1	20/1	SPARE	0	0	-	SPARE	20/1	2
3	20/1	SPARE	-	0	0	SPARE	20/1	4
5	20/1	SPARE	-	-	0	0	SPARE	6
7	20/1	SPARE	0	0	-	SPARE	20/1	8
9	20/1	SPARE	-	0	0	SPARE	20/1	10
11	20/1	SPARE	-	-	0	0	SPARE	12
13	20/1	SPARE	0	0	-	SPARE	20/1	14
15	20/1	SPARE	-	0	0	SPARE	20/1	16
17	20/1	SPARE	-	-	0	0	SPARE	18
19	20/1	SPARE	0	0	-	SPARE	20/1	20
21	20/1	SPARE	-	0	0	SPARE	20/1	22
23	20/1	SPARE	-	-	0	0	SPARE	24
25	20/1	SPARE	0	0	-	SPARE	20/1	26
27	20/1	SPARE	-	0	0	SPARE	20/1	28
29	20/1	SPARE	-	-	0	0	SPARE	30
31	20/1	SPARE	0	0	-	SPARE	20/1	32
33	20/1	SPARE	-	0	0	SPARE	20/1	34
35	20/1	SPARE	-	-	0	0	SPARE	36
37	20/1	SPARE	0	0	-	SPARE	20/1	38
39	20/1	SPARE	-	0	0	SPARE	20/1	40
41	20/1	SPARE	-	-	0	0	SPARE	42
TOTALS			0	0	0	TOTAL KVA = 0		
						TOTAL AMPS = 0.0		

NOTES:
1) ADJUSTED AMPACITY DUE TO AMBIENT TEMPERATURE DERATING IS BASED ON NEC TABLE 310.15(B)(16) FOR 90 DEG INSULATION (I.E., DERATED TO 91% DUE TO A MAX ASHRAE DESIGN TEMPERATURE OF 97 DEG FOR AUGUSTA GA). HOWEVER, THE ADJUSTED AMPACITY OF THE CABLE CANNOT EXCEED THE AMPACITY OF 75 DEG INSULATION DUE TO THE LIMITATION OF THE CONNECTION TERMINALS.
2) GFCI BREAKER.
3) CIRCUIT CONNECTED TO LOAD THRU LIGHTING TIMER.

PANEL: P		RATING: 200A MAIN BREAKER							
MTG: SQUARE D		FEEDER SIZE: 250 MCM (AL)(MIN)							
TYPE: NQ		FEEDER CAP: 205A (NOTE 1)							
		ENCLOSURE: NEMA 1							
		S/C: 22KA (MIN)							
		MOUNT: SURFACE							
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #	
			PHASE A	PHASE B	PHASE C				
1	20/1	E-LIGHTS (NOTE 4)	0	2	-	RECEPT - ELECT SERV	20/1	2	
3	20/1	LIGHTS - RESTROOM	-	1	0	SPARE	20/1	4	
5	20/1	LIGHTS - BACK DOOR	-	-	0	2	RECEPT - ROOF	20/1	6
7	20/1	SIGN	10	0	-	SPARE	20/1	8	
9	20/1	SIGN	-	10	0	SPARE	20/1	10	
11	20/1	SIGN	-	-	10	0	SPARE	12	
13	20/1	SIGN	10	0	-	SPARE	20/1	14	
15	20/1	SPARE	-	0	0	SPARE	20/1	16	
17	20/1	SPARE	-	-	0	0	SPARE	18	
19	20/1	SPARE	0	0	-	SPARE	20/1	20	
21	20/1	SPARE	-	0	0	SPARE	20/1	22	
23	20/1	SPARE	-	-	0	0	SPARE	24	
25	20/1	SPARE	0	0	-	SPARE	20/1	26	
27	20/1	SPARE	-	0	0	SPARE	20/1	28	
29	20/1	SPARE	-	-	0	0	SPARE	30	
31	20/1	SPARE	0	0	-	SPARE	20/1	32	
33	20/1	SPARE	-	0	0	SPARE	20/1	34	
35	20/1	SPARE	-	-	0	0	SPARE	36	
37	80/3	RTU6TON	72	95	-	RTU7.5TON	100/3	38	
39	-	-	-	72	95	SPARE	-	40	
41	-	-	-	-	72	95	SPARE	42	
TOTALS			189	178	179	TOTAL KVA = 65			
						TOTAL AMPS = 188.5			

NOTES:
1) ADJUSTED AMPACITY DUE TO AMBIENT TEMPERATURE DERATING IS BASED ON NEC TABLE 310.15(B)(16) FOR 90 DEG INSULATION (I.E., DERATED TO 91% DUE TO A MAX ASHRAE DESIGN TEMPERATURE OF 97 DEG FOR AUGUSTA GA). HOWEVER, THE ADJUSTED AMPACITY OF THE CABLE CANNOT EXCEED THE AMPACITY OF 75 DEG INSULATION DUE TO THE LIMITATION OF THE CONNECTION TERMINALS.
2) GFCI BREAKER.
3) CIRCUIT CONNECTED TO LOAD THRU LIGHTING TIMER.

PANEL: K		RATING: 200A MAIN BREAKER							
MTG: SQUARE D		FEEDER SIZE: 250 MCM (AL)(MIN)							
TYPE: NQ		FEEDER CAP: 205A (NOTE 1)							
		ENCLOSURE: NEMA 1							
		S/C: 22KA (MIN)							
		MOUNT: SURFACE							
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #	
			PHASE A	PHASE B	PHASE C				
1	30/2	SPARE	0	0	-	SPARE	20/1	2	
3	-	-	-	0	0	SPARE	20/1	4	
5	40/2	SPARE	-	-	0	0	SPARE	6	
7	-	-	0	0	-	SPARE	20/1	8	
9	20/1	SPARE	-	0	0	SPARE	20/1	10	
11	20/1	SPARE	-	-	0	0	SPARE	12	
13	30/2	SPARE	0	0	-	SPARE	20/1	14	
15	-	-	-	0	0	SPARE	20/1	16	
17	20/1	SPARE	-	-	0	0	SPARE	18	
19	20/1	SPARE	0	0	-	SPARE	20/1	20	
21	20/2	SPARE	-	0	0	SPARE	30/2	22	
23	-	-	-	-	0	0	SPARE	24	
25	20/1	SPARE	0	0	-	SPARE	30/2	26	
27	50/2	SPARE	-	0	0	SPARE	-	28	
29	-	-	-	-	0	0	SPARE	30	
31	30/2	SPARE	0	0	-	SPARE	20/1	32	
33	-	-	-	0	0	SPARE	20/1	34	
35	20/2	SPARE	-	-	0	0	SPARE	36	
37	-	-	0	0	-	SPARE	30/2	38	
39	-	-	-	0	0	SPARE	-	40	
41	-	-	-	-	0	0	SPARE	20/1	42
TOTALS			0	0	0	TOTAL KVA = 0			
						TOTAL AMPS = 0.0			

NOTES:
1) ADJUSTED AMPACITY DUE TO AMBIENT TEMPERATURE DERATING IS BASED ON NEC TABLE 310.15(B)(16) FOR 90 DEG INSULATION (I.E., DERATED TO 91% DUE TO A MAX ASHRAE DESIGN TEMPERATURE OF 97 DEG FOR AUGUSTA GA). HOWEVER, THE ADJUSTED AMPACITY OF THE CABLE CANNOT EXCEED THE AMPACITY OF 75 DEG INSULATION DUE TO THE LIMITATION OF THE CONNECTION TERMINALS.
2) GFCI BREAKER.
3) CIRCUIT CONNECTED TO LOAD THRU LIGHTING TIMER.

PANEL: P2		RATING: 200A MLO							
MTG: SQUARE D		FEEDER SIZE: 250 MCM (AL)(MIN)							
TYPE: NQ		FEEDER CAP: 205A (NOTE 1)							
		ENCLOSURE: NEMA 1							
		S/C: 22KA (MIN)							
		MOUNT: SURFACE							
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #	
			PHASE A	PHASE B	PHASE C				
1	20/1	E-LIGHTS (NOTE 4)	0	2	-	RECEPT - ELECT SERV	20/1	2	
3	20/1	LIGHTS - RESTROOM	-	2	4	WATER FOUNTAIN	20/1	4	
5	20/1	LIGHTS - BACK DOOR	-	-	0	2	RECEPT - ROOF	20/1	6
7	20/1	SIGN	10	0	-	SIGN	20/1	8	
9	20/1	SPARE	-	0	0	SPARE	20/1	10	
11	20/1	SPARE	-	-	0	0	SPARE	12	
13	20/1	SPARE	0	0	-	SPARE	20/1	14	
15	20/1	SPARE	-	0	0	SPARE	20/1	16	
17	20/1	SPARE	-	-	0	0	SPARE	18	
19	20/1	SPARE	0	0	-	SPARE	20/1	20	
21	20/1	SPARE	-	0	0	SPARE	20/1	22	
23	20/1	SPARE	-	-	0	0	SPARE	24	
25	20/1	SPARE	0	0	-	SPARE	20/1	26	
27	20/1	SPARE	-	0	0	SPARE	20/1	28	
29	20/1	SPARE	-	-	0	0	SPARE	30	
31	20/1	SPARE	0	0	-	SPARE	20/1	32	
33	20/1	SPARE	-	0	0	SPARE	20/1	34	
35	20/1	SPARE	-	-	0	0	SPARE	36	
37	60/3	RTU4TON	59	0	-	SPARE	20/1	38	
39	-	-	-	59	0	SPARE	20/1	40	
41	-	-	-	-	59	0	SPARE	42	
TOTALS			71	65	61	TOTAL KVA = 24			
						TOTAL AMPS = 70.9			

NOTES:
1) ADJUSTED AMPACITY DUE TO AMBIENT TEMPERATURE DERATING IS BASED ON NEC TABLE 310.15(B)(16) FOR 90 DEG INSULATION (I.E., DERATED TO 91% DUE TO A MAX ASHRAE DESIGN TEMPERATURE OF 97 DEG FOR AUGUSTA GA). HOWEVER, THE ADJUSTED AMPACITY OF THE CABLE CANNOT EXCEED THE AMPACITY OF 75 DEG INSULATION DUE TO THE LIMITATION OF THE CONNECTION TERMINALS.
2) GFCI BREAKER.
3) CIRCUIT CONNECTED TO LOAD THRU LIGHTING TIMER.
4) ROUTE BOTH A SWITCHED LEG (VIA A TIMER) AND A NON-SWITCHED LEG (DIRECT FROM BREAKER) FOR THIS LIGHTING CIRCUIT.

PANEL: P4		RATING: 400A MLO							
MTG: SQUARE D		FEEDER SIZE: 2-250 MCM (AL)(MIN)							
TYPE: NQ		FEEDER CAP: 410A (NOTE 1)							
		ENCLOSURE: NEMA 1							
		S/C: 22KA (MIN)							
		MOUNT: SURFACE							
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #	
			PHASE A	PHASE B	PHASE C				
1	20/1	E-LIGHTS (NOTE 4)	0	2	-	RECEPT - ELECT SERV	20/1	2	
3	20/1	LIGHTS - RESTROOM	-	2	4	WATER FOUNTAIN	20/1	4	
5	20/1	LIGHTS - BACK DOOR	-	-	0	2	RECEPT - ROOF	20/1	6
7	20/1	SIGN	10	0	-	SIGN	20/1	8	
9	20/1	SPARE	-	0	0	SPARE	20/1	10	
11	20/1	SPARE	-	-	0	0	SPARE	12	
13	20/1	SPARE	0	0	-	SPARE	20/1	14	
15	20/1	SPARE	-	0	0	SPARE	20/1	16	
17	20/1	SPARE	-	-	0	0	SPARE	18	
19	20/1	SPARE	0	0	-	SPARE	20/1	20	
21	20/1	SPARE	-	0	0	SPARE	20/1	22	
23	20/1	SPARE	-	-	0	0	SPARE	24	
25	20/1	SPARE	0	0	-	SPARE	20/1	26	
27	20/1	SPARE	-	0	0	SPARE	20/1	28	
29	20/1	SPARE	-	-	0	0	SPARE	30	
31	20/1	SPARE	0	0	-	SPARE	20/1	32	
33	20/1	SPARE	-	0	0	SPARE	20/1	34	
35	20/1	SPARE	-	-	0	0	SPARE	36	
37	80/3	RTU6TON-A	72	0	-	SPARE	20/1	38	
39	-	-	-	72	0	SPARE	20/1	40	
41	-	-	-	-	72	0	SPARE	20/1	42
TOTALS			84	78	74	TOTAL KVA = 28			
						TOTAL AMPS = 83.9			

NOTES:
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2) GFCI BREAKER.
3) CIRCUIT CONNECTED TO LOAD THRU LIGHTING TIMER.

PANEL: H		RATING: 100A MLO						
MTG: SQUARE D		FEEDER SIZE: 1/0 (AL)(MIN)						
TYPE: NQ		FEEDER CAP: 120A (NOTE 1)						
		ENCLOSURE: NEMA 3R						
		S/C: 22KA (MIN)						
		MOUNT: SURFACE						
CKT #	CB	DESCRIPTION	LOADS (AMP)			DESCRIPTION	CB	CKT #
			PHASE A	PHASE B	PHASE C			
1	20/1	SPARE	0	0	-	SPARE	20/1	2
3	20/1	SPARE	-	0	0	SPARE	20/1	4
5	20/1	SPARE	-	-	0	0	SPARE	6
7	20/1	SPARE	0	0	-	SPARE	20/1	8
9	20/1	SPARE	-	0	0	SPARE	20/1	10
11	20/1	SPARE	-	-	0	0	SPARE	12
13	20/1	SPARE	0	0	-	SPARE	20/1	14
15	20/1	SPARE	-	0	0	SPARE	20/1	16
17	20/1	SPARE	-	-	0	0	SPARE	18
19	20/1	SPARE	0	0	-	SPARE	20/1	20
21	20/1	SPARE	-	0	0	SPARE	20/1	22
23	20/1	SPARE	-	-	0	0	SPARE	24
25	20/1	SPARE	0	0	-	SPARE	20/1	26
27	20/1	SPARE	-	0	0	SPARE	20/1	28
29	20/1	SPARE	-	-	0	0	SPARE	30
TOTALS			0	0	0	TOTAL KVA = 0		
						TOTAL AMPS = 0.0		

NOTES:
1) ADJUSTED AMPACITY DUE TO AMBIENT TEMPERATURE DERATING IS BASED ON NEC TABLE 310.15(B)(16) FOR 90 DEG INSULATION (I.E., DERATED TO 91% DUE TO A MAX ASHRAE DESIGN TEMPERATURE OF 97 DEG FOR AUGUSTA GA). HOWEVER, THE ADJUSTED AMPACITY OF THE CABLE CANNOT EXCEED THE AMPACITY OF 75 DEG INSULATION DUE TO THE LIMITATION OF THE CONNECTION TERMINALS.
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